

ARNAV MURDANDE

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PROFESSIONAL SUMMARY

AI & Software Engineer with experience building scalable full-stack applications and applied Generative AI systems. Hands-on work with agentic workflows, LLM-based NLP pipelines, and production-ready backend services using Spring Boot, React, and Python. Seeking roles focused on applied AI and software engineering.

TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript.

Backend: Node.js, Express, Django, Flask.

AI/ML: LLMs, RAG, NLP, LangChain, Hugging Face.

DevOps: Docker, CI/CD, Git, GitHub.

Databases: PostgreSQL, MongoDB, MySQL.

Cloud: AWS (EC2, S3), Linux, Cloud Deployment.

EXPERIENCE

DMS Support Intern — Eazy ERP Technologies Pvt. Ltd.

Feb 2026 – Aug 2026

- Delivered ERP/DMS technical support resolving issues, troubleshooting workflows, coordinating bug fixes.
- Trained users on platform features and improved adoption of inventory, document, and operational modules.
- Documented recurring issues and shared feedback to improve knowledge resources and usability.

PROJECTS

Intelligent Agent Workflow (CodeWithMee)

Java, Spring Boot, React, Gemini 2.5

- Built an agentic workflow integrating Gemini 2.5 model for interactive coding queries and explanations.
- Designed automated reasoning steps, tool-use planning, and context-aware instruction generation.
- Integrated YouTube, IDE, and challenge modules with AI-powered personalized guidance.

Academic Timetable Scheduler

Node.js, Express, PostgreSQL, React

- Built a conflict-free scheduling algorithm with a normalized relational schema for 500+ allocations.
- Optimized query performance using indexes and transaction-safe operations, reducing response time.
- Achieved 95% test coverage with automated CI pipelines and real-time resource tracking.

LLM Performance Analysis Dashboard

Python, Power BI, Plotly

- Built dashboards tracking model accuracy, inference latency, cost metrics, and resource usage.
- Designed an anomaly detection layer for compliance and reliability monitoring of AI models.
- Built automated evaluation metrics, test scenarios, and validation checks for reliability.

Multilingual LLM Summarization System

Python, Hugging Face, Transformers

- Developed a multilingual NLP pipeline with summarization, NER, and citation extraction.
- Implemented BART-based and Gemini-based text summarization with optimization for long documents.
- Built an evaluation workflow to measure ROUGE scores, latency, & hallucination checks.

EDUCATION

Ramrao Adik Institute of Technology, Navi Mumbai

August 2026

B.Tech in Computer Engineering | CGPA — 7.9 | Current Semester SGPA — 8.89

ACHIEVEMENTS AND HACKATHONS

- **Google Agentic AI Day - Finalist** – Top 50 of 1,200 + ; built GenAI application with API-driven architecture.
- **Quasar 3.0 Hackathon** – Developed platform with automated testing, 95% code coverage, and CI/CD pipelines.

CERTIFICATIONS

- **Google Data Analytics Certificates** – Data Analytics & Advanced Data Analytics (SQL, Python, R, ML)
- **IBM Data Science Professional Certificate** – Python, SQL, Data Analysis, Visualization, Machine Learning
- **AWS Academy Graduate** – Cloud Foundations & Cloud Architecting (AWS services, architecture, deployment)
- **IBM Full Stack Software Developer Professional Certificate** – React, Node.js, Docker, Kubernetes, CI/CD

INTERESTS

Chess, Reading, Gaming, and Exploring personal web development projects.